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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Joseph E. Bork, et al.

Examiner:

Serial No.: 10/774,158

Group Art Unit: 1723

Filed: February 6, 2004

Date: July 26, 2004

For: A HYDROGRAVITY SYSTEM AND PROCESS FOR RECLAIMING  
AND PURIFYING A SOLID, MULTIPLE DOMAIN FEEDSTOCK

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

Sir:

The undersigned hereby certifies that the attached **INFORMATION DISCLOSURE STATEMENT AND FORM PTO 1449** were mailed to the Assistant Commissioner for Patents, Washington, D.C. 20231, with sufficient first-class postage, no special handling, on July 26, 2004, before 5:00 PM, thereby ensuring that such document(s) will be in the hands of the U.S. Postal Service by the close of business this day.

Respectfully submitted,

HUDAK & SHUNK CO., L.P.A.

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Attorney Docket No.: PRTI-A



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INFORMATION DISCLOSURE STATEMENT

Sir:

This invention relates to The hydrogravity separation of a multiple domain solid feedstock comprises granulating the feedstock to produce particles substantially of individual domain components having different densities. A dispersion mixer having a high shear and/or turbulent zone is utilized to disperse agglomerated particles and a quiescent hydrogravity tank is utilized to effect binary separation of one or more of the heaviest or one or more of the lightest feedstock components by utilizing an aqueous solution having a specific gravity intermediate of the various components. A high degree of purity is obtained by feeding particles of a selected component to a plurality of sequential dispersion mixers and hydrogravity separation tanks. In a similar manner, remaining thermoplastic particle components can be selectively removed and purified.

Applicants provide the Examiner with the following document under rule 1.97(b) being filed prior to the first office action.

As authorized and encouraged under 37 C.F.R. §1.97-1.99, Applicants hereby cite as a means of complying with the duty of disclosure set forth in 37 C.F.R. §1.56, the following patents and/or documents, copies enclosed, which the Examiner should consider with respect to the above-identified United States Patent Application:

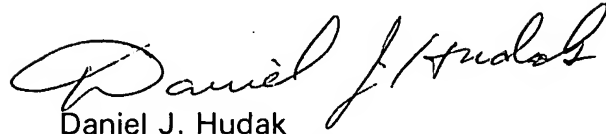
U.S. DOCUMENTS		
PATENT/DOCUMENT NO.	DATE	INVENTOR/ASSIGNEE
5,358,119	October 25, 1994	Stahl et al.
5,616,641	April 1, 1997	Basch et al.

In accordance with 37 CFR 1.98(a)(2)(i) only copies of foreign and non-patent documents are required for the express purpose of providing the Patent and Trademark Office with an ample opportunity to evaluate the same and to arrive at an independent assessment of its materiality, if any, with regard to the examination of the application. As both references are U.S. Patents, no enclosures are included.

An examination of the present application considering the above documents is requested.

Respectfully submitted,

HUDAK, SHUNK & FARINE CO. LPA

A handwritten signature in black ink, appearing to read "Daniel J. Hudak". The signature is fluid and cursive, with the first name "Daniel" being the most prominent part.

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U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No.:

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Group:

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing date if appropriate
	AA	5,358,119	October 25, 1994	Stahl et al.			
	AB	5,616,641	April 1, 1997	Basch et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.